



# **SOUTHWEST OHIO ROCKETRY ASSOCIATION (SORA)**

## **LAUNCH REPORT NOVEMBER 28, 2021**

### **1:00PM TO 4:00PM NAR SECTION #624**

**Launch Conditions:** Spotty clouds, winds gusts to 18 mph, temperature: high 40s

**Total Number of Launches:** 17      **Rockets Recovered:** 15

**Total Number of 100% Fully Successful Flights** (excluding simple fin breaks on landing, etc.): 13

**Number of Individuals Who Launched Their Rockets:** 5      **Number of Family/Friends/Observers:** 4

**Teams and Competitions:** 0

#### **Types and Number of Motors:**

A: 6    B: 10    C: 1    D: 1    E: 1    F: 0    G: 0    H: 0    I: 0    Higher: 0

One rocket was two stage C to B

**Ground Fires:** 0      **Medical Incidents:** 0      **Damage to vehicles/facilities:** 0

#### **Donations and drink/food sale, sale of merchandise:**

\$22 in straight out donations

t-shirts: sold 1 at \$15 (youth) and 1 at \$20 (adult)

mugs: 1 mug sold at \$10

stickers: 3 sold at \$0.25 each

**Total: \$ 57.75**

#### **Rocket Topics and Issues:**

1. With wind gusts to 18mph, launches were conducted during times of relative calm. Seventeen rockets were launched.
2. Dani launched a two stage Mongoose with a great flight. C6-0 going to a B6-6.
3. Two rockets were lost during the day. The parachute ripped off Rick's Falcon 9 and drifted away while the rocket landed in high weeds somewhere over 200 yards away. E9-4. As the rocket was not recovered, could not investigate the cause of the chute separation.
4. Robb lost his Show Stopper in the trees east of the field due to high drift after chute deployment.
5. Several rockets flew very well but suffered from various forms of chute issues: not unfurling completely, shroud line issues or chute not fully ejecting. Need to improve our chute packing quality!
6. Karthiik had a great rocket/glider flight to finish off the day. Smooth stable launch, good separation of the glider, and a nice flight of the glider which landed only a dozen yards from the pad.

**Next Zoom (or in-person?) business meeting:**    **December 21, 2021 7PM**

**Next SORA launch:**    **Hisey Park, December 26, 2021 1-4 PM**

**Parting words....."Sapientia ducet ad astra" – Wisdom/Knowledge leads to the stars**

<b>Insert photos..</b>	

**May the winds be light, may the skies be blue, and may all your rockets fly straight and true.**